

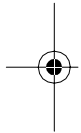


12-916a.fm Page 1 Wednesday, July 7, 1999 4:18 PM

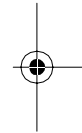


Cat. No. 12-916A  
**OWNER'S MANUAL**

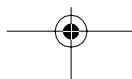
# AM/FM Headset Radio



***sports***



**OPTIMUS®**



## FEATURES

Your Optimus AM/FM Headset Radio is designed for comfort and convenience. Its twin speakers surround you with stereo sound, and its portable design lets you take it anywhere. The adjustable double headband lets you adjust the headband over and behind your head for comfort.

Its features include:

**Digital Tuning** — gives you push-button convenience for changing stations.

**Frequency Display** — lets you easily see the station you are tuned to.

**Flexible FM Antenna** — provides excellent reception in most areas.

**Rubber Ear Cushions** — provide comfortable listening and block out noise.

**Lock** — prevents you from accidentally changing any control settings, but lets you adjust the volume.

**Memory** — stores up to 20 stations in memory (10 stations in each band).

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**Automatic Power Off** — saves battery power by automatically turning off the headset 60 minutes after it was turned on.

**Low Battery Indicator** — alerts you when it's time to change the batteries.

**Water-Resistant Construction** — lets you use the headset in all weather conditions.

**Important:**

- This product is designed to be water-resistant, but should not be immersed in water or come in continuous contact with water. Before installing the batteries, be sure to wipe off drops of water on the product.
- Never use an electric hair dryer while wearing the headphones.

## PREPARATION

### INSTALLING BATTERIES

Your headset requires two AAA batteries (not supplied). For the best results, we recommend alkaline batteries, such as RadioShack Cat. No. 23-555.

**Cautions:**

- Use only fresh batteries of the required size and recommended type.
- Do not mix old and new batteries, different types of batteries (standard, alkaline, or rechargeable), or rechargeable batteries of different capacities.

Follow these steps to install batteries.



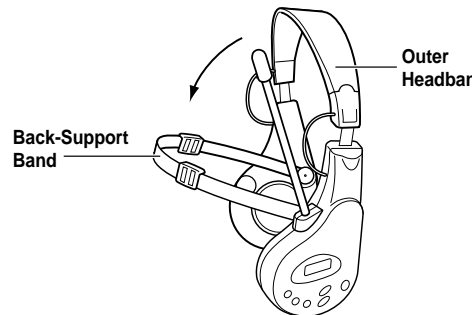
1. Press the battery compartment cover and lift it in the direction of the arrow.
2. Install two AAA batteries, as indicated by the polarity symbols (+ and -) marked beside the compartment.
3. Close the cover.

#### Notes:

- Replace both batteries when **BATTERY** appears on the display.
- If you are not going to use the headset for a week or more, remove the batteries to avoid possible damage from leaking batteries.

## ADJUSTING THE HEADSET

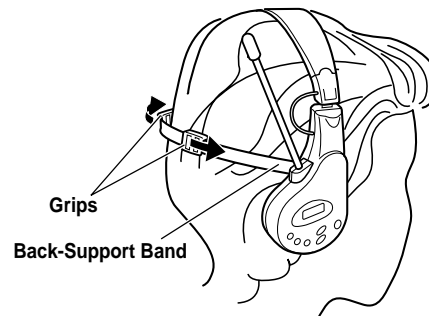
1. Rotate the back-support band toward the back so it is at a right angle to the outer headband. Then place the headset over your head.



2. Adjust the outer headband by first positioning the rubber earcushions directly over your ears, then sliding each side of the headband's center section in or out until it fits snugly across the top of your head.



3. Adjust the back-support band by sliding the grips until it fits snugly across the back of your head.



## Listening Safely

To protect your hearing, follow these guidelines when you use the headset.

- Set the volume to the lowest setting before you begin listening. After you begin listening, adjust the volume to a comfortable level.
- Do not listen at extremely high volume levels. Extended high-volume listening can lead to permanent hearing loss.
- Once you set the volume, do not increase it. Over time, your ears adapt to the volume level, so a volume level that does not cause discomfort might still damage your hearing.

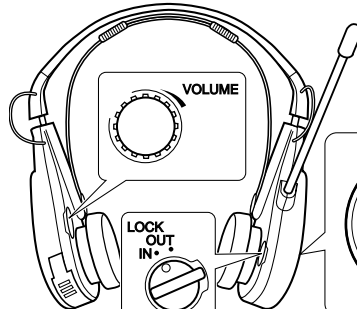
## Traffic Safety

Do not wear the headset while operating a motor vehicle or riding a bicycle. This can create a traffic hazard and could be illegal in some areas.

Even though the headset might let you hear some outside sounds when listening at normal volume levels, it can still present a traffic hazard.

## OPERATION

### USING THE HEADSET



1. Hold down **POWER** until the band and station appear on the display.
2. Press **BAND** to select **AM** or **FM**.
3. Press **TUNING**  $\Delta$  or  $\nabla$  to select the desired station.  
Hold down **TUNING**  $\Delta$  or  $\nabla$  for 1 second to quickly search for a station. The headset automatically tunes to the next strong station.
4. Adjust **VOLUME** on the left earpiece to a comfortable level.
5. Press **POWER** to turn off the headset.

**Note:** If you do not turn off the headset, it turns off automatically in 60 minutes to save battery power. To continue listening, hold down **POWER** again until the band and station appear on the display.



## MEMORY TUNING

You can store up to 20 of your favorite stations (10 AM and 10 FM) into memory so you can easily tune to them.

### Storing a Station in Memory

1. Select the band and station you want to store into memory.
2. Press **MEMORY**. **1** appears and **MEMORY** flashes on the display for about 10 seconds.

**Note:** If you do not make an entry within 10 seconds, **MEMORY** disappears and you must begin again at Step 2.

3. While **MEMORY** flashes, repeatedly press **M-SELECT** until the display shows the memory location number (1–10 for each band) you want to assign to this station.
4. Press **MEMORY** again. The headset stores the displayed station into the selected memory location.

**Note:** If you assign a memory location number that was previously assigned, the new station replaces the old one.

5. To store additional stations, repeat Steps 1–4.


## Tuning to a Stored Station

To tune the headset to a stored station, select the appropriate band and repeatedly press **M-SELECT** until the desired memory location number appears on the display.

To move quickly through the memory locations, hold down **M-SELECT**.

## LOCKING THE CONTROLS

**LOCK IN/OUT** prevents you from accidentally turning the headset on/off or changing the band, station, or other controls. But, you can still adjust **VOLUME**.

To lock the controls, set **LOCK IN/OUT** on the right earpiece to **IN**.  **LOCK** appears on the display.

To unlock the controls, set **LOCK IN/OUT** to **OUT**.  **LOCK** disappears from the display.

**Note:** Automatic power-off works even when **LOCK IN/OUT** is set to **IN**.

## MAINTENANCE

Your Optimus AM/FM Headset Radio is an example of superior design and craftsmanship. The following suggestions will help you care for the headset so you can enjoy it for years.



Keep the radio dry. If it gets wet, wipe it dry immediately. Liquids might contain minerals that can corrode the electronic circuits.



Use and store the radio only in normal temperature environments. Temperature extremes can shorten the life of electronic devices(, damage batteries,) and distort or melt plastic parts.



Keep the radio away from dust and dirt, which can cause premature wear of parts.



Handle the radio gently and carefully. Dropping it can damage circuit boards and cases and can cause the radio to work improperly.



Use only fresh batteries of the required size and type. Batteries can leak chemicals that damage your radio's electronic parts.



Wipe the radio with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the radio.

Modifying or tampering with the headset's internal components can cause a malfunction and might invalidate its warranty and void your FCC authorization to operate it. If your headset is not performing as it should, take it to your local RadioShack store for assistance.

## FCC STATEMENT

Your headset might cause TV or radio interference even when it is operating properly. To determine whether your headset is causing the interference, turn it off. If the interference goes away, your headset is causing it. Try to eliminate the interference by:

- Moving your headset away from the receiver
- Contacting your local RadioShack store for assistance

If you cannot eliminate the interference, the FCC requires that you stop using the headset.

## **SPECIFICATIONS**

Frequency Coverage:

AM 530–1710 kHz (10 kHz step)  
FM 87.5–108.1 MHz (200 kHz step)

Output Power ..... 18 mW + 18 mW

Power Requirements ..... 3 VDC  
(Two AAA Batteries, Cat. No. 23-555)

Alkaline Battery Life ..... About 28 Hours

Weight with Battery ..... 7 oz (200 g)

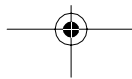
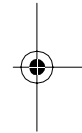
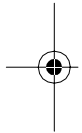
Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

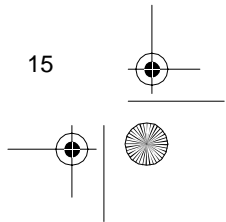
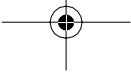
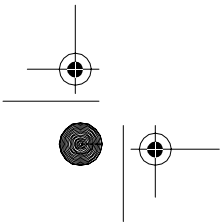
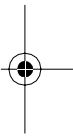
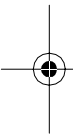


## NOTES

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### Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

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